Nuclear Instruments and Methods in Physics Research A304 (1991) 831–846
North-Holland

Author index

Abdallah, C.T., see Johnson, W.J.D. A304 (1991) 364
Adamski, J., see Dowell, D.H. A304 (1991) 1
Adamski, J., see Laucks, M.L. A304 (1991) 25
Adamski, J., see Dowell, D.H. A304 (1991) 336
Adolf, A., P. Degond, F. Hermeline, J. Marilleau, P.A. Raviart and J. Segré, New PIC codes on unstructured meshes applied to the simulation of a photocathode injector A304 (1991) 297
Aghamir, F., W.A. Barletta, D.B. Cline, J.W. Dodd, S.C. Hartman, T.C. Katsouleas, J. Kolonko, S. Park, C. Pellegrini, J.-C. Terrien, J.G. Davis, C.J. Joshi, N.C. Luhmann, D.B. McDermott, S.N. Ivanchenkov, Yu.Yu. Lachin and A.A. Varfolomeev, Saturnus: the UCLA high-gain infrared FEL project A304 (1991) 155
Airoldi, A., see Casagrande, F. A304 (1991) 439
Akiba, T., see Mima, K. A304 (1991) 93
Akiba, T., see Ohigashi, N. A304 (1991) 476
Akiba, T., see Tsunawaki, Y. A304 (1991) 753
Akiyama, M., see Hajima, R. A304 (1991) 230
Alrutz-Ziemssen, K., J. Auerhammer, H. Genz, H.-D. Gräf, A. Richter, J. Töpper and H. Weise, Status of the Darmstadt near-infrared free electron laser project A304 (1991) 159
Alrutz-Ziemssen, K., J. Auerhammer, H. Genz, H.-D. Gräf, A. Richter, J. Töpper and H. Weise, The high current injection for the Darmstadt near infrared free electron laser A304 (1991) 300
Amir, A., J.F. Knox-Seith and M. Warden, Bandwidth narrowing of the UCSB FEL by injection seeding with a cw laser A304 (1991) 12
Anderson, D., see Elias, L.R. A304 (1991) 219
Angles, J.M., see Launspach, J. A304 (1991) 368
Angles, M., see Launspach, J. A304 (1991) 368
Anthouard, P., see Bardy, J. A304 (1991) 311
Anthouard, P., see Launspach, J. A304 (1991) 368
Antonsen Jr., T.M., see Bidwell, S.W. A304 (1991) 187
Antonsen Jr., T.M., see Stanford, E.R. A304 (1991) 659
Antonsen, T.M., see Colson, W.B. A304 (1991) 822
Aucouturier, J., J.P. De Brion and H. Leboutet, Layout of the ELSA U-turn A304 (1991) 305
Auerhammer, J., see Alrutz-Ziemssen, K. A304 (1991) 159
Auerhammer, J., see Alrutz-Ziemssen, K. A304 (1991) 300
Ayres, R.L., see Debenham, P.H. A304 (1991) 208

Bakker, R.J., see van Amersfoort, P.W. A304 (1991) 163
Bakker, R.J., C.A.J. van der Geer, A.F.G. van der Meer, P.W. van Amersfoort and G. Saxon, Commissioning the FELIX bunching system A304 (1991) 173
Balleyguier, P., see Dei-Cas, R. A304 (1991) 215
Balleyguier, P., J.P. Blésés, A. Bloquet, C. Bonetti, J.P. De Brion, J. Brisset, R. Dei-Cas, J. Di Crescenzo, P. Fourdin, G. Haouat, R. Joly, S. Joly, C. Laspalles, J.P. Laget, H. Leboutet, F. Schumann, S. Striby and J. Vouillarmet, Production of high-brightness electron beams for the ELSA-FEL A304 (1991) 308
Bamford, D.J. and D.A.G. Deacon, Self-mode-locked oscillator–amplifier FEL configuration A304 (1991) 667
Barbagelata, L., M. Grattarola, A. Matrone, G. Ottonello, F. Rosatelli, F. Ciocci, G. Gallerano, A. Renieri and E. Sabia, Advanced concepts in mechanical design and computerized control system for a hybrid permanent magnet undulator A304 (1991) 703
Bardy, J., see Bottollier-Curtet, H. A304 (1991) 197
Bardy, J., P. Eyharts, P. Anthouard, P. Eyl, J. Labrouche, J. Launspach, P. Le Taillandier, J. de Mascureau and M. Thevenot, Design and initial operation of LELIA induction accelerator A304 (1991) 311
Bardy, J., see Launspach, J. A304 (1991) 368
Barletta, W.A., see Aghamir, F. A304 (1991) 155
Bartolini, R., A. Doria, G.P. Gallerano and A. Renieri, Theoretical and experimental aspects of a waveguide FEL A304 (1991) 417

0168-9002/91/$03.50 © 1991 – Elsevier Science Publishers B.V. (North-Holland)

Baryshevsky, V.G., I.Ya. Dubovskaya and A.V. Zege, X-ray free electron laser in a crystal as distributed feedback resonator . . . A304 (1991) 421
Bassaler, J.M. and C. Etievant, Project of a free electron laser in the far infrared using a Rhodotron accelerator A304 (1991) 177
Bazylev, V.A. and A.V. Tulupov, Free electron lasers with transverse synchronizing magnetic fields . . . A304 (1991) 427
Bazylev, V.A. and V.V. Goloviznin, Hot electron beams for FELs . . . A304 (1991) 432
Bazylev, V.A., Free electron laser in ultraviolet and X-ray regions . . . A304 (1991) 671
Bekefi, G., see Jerby, E. . . . A304 (1991) 107
Bekkers, J.B., see van Amersfoort, P.W. . . . A304 (1991) 163
Belbeoch, R., see Bourdon, J.C. . . . A304 (1991) 322
Bemes, M., see Dowell, D.H. . . . A304 (1991) 1
Bemes, M., see Laucks, M.L. . . . A304 (1991) 25
Bemes, M., see Dowell, D.H. . . . A304 (1991) 336
Ben-Zvi, I., L.F. Di Mauro, S. Krinsky, M.G. White and L.H. Yu, Proposed UV FEL user facility at BNL . . . A304 (1991) 181
Bender, S., see Dowell, D.H. . . . A304 (1991) 1
Bender, S., see Laucks, M.L. . . . A304 (1991) 25
Bender, S.C., see Feldman, D.W. . . . A304 (1991) 224
Bender, S.C., see Lumpkin, A.H. . . . A304 (1991) 379
Benson, S., Optical cavities for free electron lasers . . . A304 (1991) 773
Benson, S., see Colson, W.B. . . . A304 (1991) 822
Bensussan, A., see Dei-Cas, R. . . . A304 (1991) 212
Bentz, M., see Dowell, D.H. . . . A304 (1991) 1
Bentz, M., see Laucks, M.L. . . . A304 (1991) 25
Bergeret, H., see Septier, A. . . . A304 (1991) 392
Bergher, M., see Bourdon, J.C. . . . A304 (1991) 322
Bernard, M., see Bourdon, J.C. . . . A304 (1991) 322
Berryman, K.W., see Swent, R.L. . . . A304 (1991) 272
Berz, M., see Kim, K.-J. . . . A304 (1991) 233
Besson, B., see Dei-Cas, R. . . . A304 (1991) 212
Best, R.W.B., see van Amersfoort, P.W. . . . A304 (1991) 163
Best, R.W.B. and B. Faatz, Gauss–Laguerre modes in FELIX . . . A304 (1991) 532
Best, R.W.B., see Faatz, B. . . . A304 (1991) 551
Beuve, M.A., see Dei-Cas, R. . . . A304 (1991) 215
Bhattacharjee, A., S.Y. Cai, J.W. Dodd and T.C. Marshall, Optical spikes in a free electron laser: theory and experiment . . . A304 (1991) 99
Bhattacharjee, A., see Marshall, T.C. . . . A304 (1991) 683
Bidwell, S.W., D.J. Radack, T.M. Antonsen Jr., J.H. Booske, Y. Carmel, W.W. Destler, V.L. Granatstein, B. Levush, P.E. Latham, I.D. Mayergoyz and Z.X. Zhang, A high-average-power tapered FEL amplifier at submillimeter frequencies using sheet electron beams and short-period wigglers . . . A304 (1991) 187
Billardon, M., Chaotic behaviour of the storage ring free electron laser . . . A304 (1991) 37
Billardon, M., see Couprie, M.E. . . . A304 (1991) 53
Billardon, M., see Couprie, M.E. . . . A304 (1991) 58
Billardon, M., see Prazeres, R. . . . A304 (1991) 72
Binet, A., see Dei-Cas, R. . . . A304 (1991) 215
Binet, A., R. Dei-Cas, D. Iracane, J.G. Marmouget and Y. Pranal, A tunable wiggler prototype for the ELSA experiment . . . A304 (1991) 707
Blau, J. and W.B. Colson, The effects of electron beam quality on the free electron laser mechanism . . . A304 (1991) 436
Blésés, J.P., see Dei-Cas, R. . . . A304 (1991) 215
Blésés, J.P., see Balleyguier, P. . . . A304 (1991) 308
Bloquet, A., see Dei-Cas, R. . . . A304 (1991) 215
Bloquet, A., see Balleyguier, P. . . . A304 (1991) 308
Bluem, H., see Pershing, D.E. . . . A304 (1991) 127
Boehmer, H., see Lazar, N.H. . . . A304 (1991) 243
Bogachenkov, V.A., V.A. Papadichev, I.V. Sinilshikova and O.A. Smith, Generation of intense radiation in the 0.7 to 6 mm interval by means of REB . . . A304 (1991) 104
Bois, R., see Dei-Cas, R. . . . A304 (1991) 215
Bois, R., P. Clouet, M. Guilloud, J.P. Laget, D. Masseron, P. Michaud, D. Munch, Y. De Penquer and J. Trarieux, The ELSA control system . . . A304 (1991) 315
Bonetti, C., see Balleyguier, P. . . . A304 (1991) 308
Bonetti, Cl., see Dei-Cas, R. . . . A304 (1991) 215
Bonifacio, R., see McNeil, B.W.J. . . . A304 (1991) 411
Bonifacio, R., see Casagrande, F. . . . A304 (1991) 439

Bonnafond, C., see Bottollier-Curtet, H. . . . A304 (1991) 197
Bonnafond, C., see Launspach, J. . . . A304 (1991) 368
Bonnier, J., see Dei-Cas, R. . . . A304 (1991) 212
Booske, J.H., see Bidwell, S.W. . . . A304 (1991) 187
Botman, J.I.M., J.L. Delhez, G.A. Webers, H.L. Hagedoorn, W.J.G.M. Kleeven, C.J. Timmermans, G.J. Ernst, J.W.J. Verschuur, W.J. Witteman and E.H. Haselhoff, A microtron accelerator for a free electron laser A304 (1991) 192
Bottollier-Curtet, H., J. Gardelle, J. Bardy, C. Bonnafond, A. Devin, G. Germain, J. Labrouche, J. Launspach, P. Le Taillandier and J. de Mascureau, First FEL experiment in the millimeter range at CESTA. The ONDINE experiment . . . A304 (1991) 197
Bottollier-Curtet, H., see Launspach, J. . . . A304 (1991) 368
Bourat, C., Beam dynamics for FEL injection of the linac preinjector of ELETTRA . . . A304 (1991) 317
Bourdier, A., see Michel, L. . . . A304 (1991) 465
Bourdon, J.C., R. Belbeoch, M. Bernard, P. Brunet, B. Leblond, M. Omeich, E. Plouviez, J. Rodier, R. Chaput, M. Bergher and J.M. Ortega, Commissioning the CLIO injection system . . . A304 (1991) 322
Bourgeois, P., see Couprie, M.E. . . . A304 (1991) 710
Boux, R.B., see Dei-Cas, R. . . . A304 (1991) 212
Brisset, J., see Dei-Cas, R. . . . A304 (1991) 215
Brisset, J., see Balleyguier, P. . . . A304 (1991) 308
Browman, M.J., see Carlsten, B.E. . . . A304 (1991) 587
Brunet, P., see Bourdon, J.C. . . . A304 (1991) 322
Bu, S.F., see Yang, T.L. . . . A304 (1991) 280
Bubp, D.G., see Caplan, M. . . . A304 (1991) 200
Burns, R., see Dowell, D.H. . . . A304 (1991) 1
Burns, R., see Laucks, M.L. . . . A304 (1991) 25
Busch, G.E., see Lumpkin, A.H. . . . A304 (1991) 379
Buzzi, J.M., see Michel, L. . . . A304 (1991) 465

Cai, S.Y., see Bhattacharjee, A. . . . A304 (1991) 99
Cai, S.Y., see Marshall, T.C. . . . A304 (1991) 683
Caloi, R., see Dattoli, G. . . . A304 (1991) 541
Cao, D.Z., see Yang, T.L. . . . A304 (1991) 280
Caplan, M., B. Kulke, D.G. Bubp, D. McDermott and N. Luhmann, A 250 GHz CARM oscillator experiment driven by an induction linac . . . A304 (1991) 200
Carlos, P.J., see Couprie, M.E. . . . A304 (1991) 710
Carlsten, B.E., see Feldman, D.W. . . . A304 (1991) 224
Carlsten, B.E., see Lumpkin, A.H. . . . A304 (1991) 374
Carlsten, B.E., see Lumpkin, A.H. . . . A304 (1991) 379
Carlsten, B.E., L.M. Young, M.J. Browman, H. Takeda, D.M. Feldman, P.G. O'Shea and A.H. Lumpkin, INEX simulations of experimentally measured accelerator performance at the Los Alamos HIBAF facility . . . A304 (1991) 587
Carmel, Y., see Bidwell, S.W. . . . A304 (1991) 187
Casagrande, F., R. Bonifacio and A. Airoldi, The self-consistent pendulum picture of the free electron laser revised and the instability threshold for exponential gain . . . A304 (1991) 439
Casagrande, F. and G. Cerchioni, Steady-state and superradiant many-mode dynamics in a high-gain amplifier with a waveguide . . . A304 (1991) 536
Cassatt, W.A., see Debenham, P.H. . . . A304 (1991) 208
Castellano, M., A. Ghigo, P. Patteri, C. Sanelli, M. Serio, F. Tazzioli, N. Cavallo, F. Cevenini, F. Ciocci, G. Dattoli, A. Dipace, G.P. Gallerano, A. Renieri, E. Sabia and A. Torre, Status report of the IR FEL project on the superconducting linac LISA at LNF-Frascati . . . A304 (1991) 204
Cavallo, N., see Castellano, M. . . . A304 (1991) 204
Cerchioni, G., see Casagrande, F. . . . A304 (1991) 536
Cevenini, F., see Castellano, M. . . . A304 (1991) 204
Chan, K.C.D. and G. Spalek, Cumulative beam breakup of the ground-based free electron laser . . . A304 (1991) 329
Chan, K.C.D., see Wallace, R. . . . A304 (1991) 400
Chaput, R., see Bourdon, J.C. . . . A304 (1991) 322
Charmasson, B., see Dei-Cas, R. . . . A304 (1991) 212
Chattopadhyay, S., see Kim, K.-J. . . . A304 (1991) 233
Chavanne, J., see Elleaume, P. . . . A304 (1991) 719
Chen, C., B.G. Danly, J.A. Davies, W.L. Menninger, J.S. Wurtele and G. Zhang, CARM amplifier theory and simulation . . . A304 (1991) 593
Chen, Jizhong, see Wang, M.C. . . . A304 (1991) 116
Chiwaki, M., see Yamada, K. . . . A304 (1991) 86

Chou, Y.P., see Marshall, T.C. . . . A304 (1991) 683
Ciocci, F., A. Doria, G.P. Gallerano, M.F. Kimmitt, G. Messina, A. Renieri and J.E. Walsh, Recent results on the Cherenkov FEL at the ENEA submillimeter FEL facility . . . A304 (1991) 17
Ciocci, F., see Castellano, M. . . . A304 (1991) 204
Ciocci, F., see Barbagelata, L. . . . A304 (1991) 703
Cline, D.B., see Aghamir, F. . . . A304 (1991) 155
Clouet, P., see Bois, R. . . . A304 (1991) 315
Cohen, M., A. Gover and S. Ruschin, A scheme for XUV generation based on a laser-pumped FEL with an axial electric field . . . A304 (1991) 673
Colson, W.B., see Blau, J. . . . A304 (1991) 436
Colson, W.B., see Kiel, D.H. . . . A304 (1991) 453
Colson, W.B., see Cord, G.A. . . . A304 (1991) 601
Colson, W.B., see Gillingham, D.R. . . . A304 (1991) 617
Colson, W.B., see Park, J.-H. . . . A304 (1991) 641
Colson, W.B., see Souza, R. . . . A304 (1991) 687
Colson, W.B., see Craun, D. . . . A304 (1991) 714
Colson, W.B., P. Elleaume, V.N. Litvinenko, K.-J. Kim, G. Ramian, T.M. Antonsen, A. Gover, D. Oepts, A.H. Lumpkin and S. Benson, Panel summary on the ultimate FEL bandwidth . . . A304 (1991) 822
Cord, G.A., W.B. Colson and J. Frisch, Comparing simulations and experimental observations of the trapped-particle instability in the Stanford FEL . . . A304 (1991) 601
Couprie, M.E., N.G. Gavrilov, G.N. Kulipanov, V.N. Litvinenko, I.V. Pinaev, V.M. Popik, A.N. Skrinsky and N.A. Vinokurov, The results of lasing linewidth narrowing on the VEPP-3 storage ring optical klystron . . . A304 (1991) 47
Couprie, M.E., M. Velghe, R. Prazeres and M. Billardon, Study of the transverse modes on the Super-ACO FEL . . . A304 (1991) 53
Couprie, M.E., M. Velghe, D. Jaroszynski and M. Billardon, Mutual influence of the coherent synchrotron oscillations of the Super-ACO positron beam on the FEL . . . A304 (1991) 58
Couprie, M.E., see Prazeres, R. . . . A304 (1991) 72
Couprie, M.E., P. Bourgeois, P.J. Carlos, J.L. Fallou, P. Garganne, A. Leprêtre, J. Martin and J.M. Ortega, The POOPO undulator for the CLIO experiment . . . A304 (1991) 710
Cover, R.A., Modeling and performance of a single-electron-beam two-FEL system . . . A304 (1991) 607
Craun, D. and W.B. Colson, Undulator fields and electron trajectories at the end of a helical undulator . . . A304 (1991) 714
Currie, A., see Dowell, D.H. . . . A304 (1991) 1
Currie, A., see Laucks, M.L. . . . A304 (1991) 25
Currie, A., see Dowell, D.H. . . . A304 (1991) 336

Danly, B.G., see Pendergast, K.D. . . . A304 (1991) 121
Danly, B.G., see Chen, C. . . . A304 (1991) 593
Dattoli, G., see Castellano, M. . . . A304 (1991) 204
Dattoli, G., L. Giannessi, L. Mezi, A. Torre and R. Caloi, FEL time-evolution operator . . . A304 (1991) 541
Davies, J.A., see Chen, C. . . . A304 (1991) 593
Davis, J.G., see Aghamir, F. . . . A304 (1991) 155
Davis, K., see Takeda, H. . . . A304 (1991) 396
De Brion, J.P., see Dei-Cas, R. . . . A304 (1991) 215
De Brion, J.P., see Aucouturier, J. . . . A304 (1991) 305
De Brion, J.P., see Balleyguier, P. . . . A304 (1991) 308
De Brion, J.P., S. Joly and F. Schumann, Simulation of the ELSA photo-injector with the TBCI-SF code . . . A304 (1991) 333
de Mascureau, J., see Bottollier-Curtet, H. . . . A304 (1991) 197
de Mascureau, J., see Bardy, J. . . . A304 (1991) 311
de Mascureau, J., see Launspach, J. . . . A304 (1991) 368
De Penquer, Y., see Dei-Cas, R. . . . A304 (1991) 215
De Penquer, Y., see Bois, R. . . . A304 (1991) 315
Deacon, D.A.G., see Bamford, D.J. . . . A304 (1991) 667
Debenham, P.H., R.L. Ayres, W.A. Cassatt, B.C. Johnson, R.G. Johnson, E.R. Lindstrom, P.J. Liposky, A.B. Marella, D.L. Mohr, J.K. Whittaker, N.D. Wilkin, M.A.D. Wilson, C.M. Tang, P. Sprangle and S. Penner, Status report on the NIST–NRL free electron laser . . . A304 (1991) 208
Degond, P., see Adolf, A. . . . A304 (1991) 297
Dei-Cas, R., A. Bensussan, M. Simon, G. Faillon, C. Tremaud, R.B. Boux, B. Besson, J. Bonnier, B. Charmasson and J. Guidevaux, The 433 MHz rf generator for the ELSA-FEL experiment . . . A304 (1991) 212
Dei-Cas, R., P. Balleyguier, M.A. Beuve, A. Binet, J.P. Blésés, A. Bloquet, R. Bois, Cl. Bonetti, J. Brisset, J.P. De Brion, J. Di Crescenzo, J.M. Dolique, R. Faujour, P. Fourdin, J. Fréhaut, M. Guilloud, G. Haouat, D. Iracane, R. Joly, S. Joly, J.P. Laget, Cl. Laspalles, H. Leboutet, J.G. Marmouget, D. Masseron, P. Michaud,

Y. De Penquer, Y. Pranal, S. Seguin, S. Striby, F. Schumann and J. Vouillarmet, Overview of the FEL activities at Bruyères-le-Châtel A304 (1991) 215
Dei-Cas, R., see Balleyguier, P. A304 (1991) 308
Dei-Cas, R., see Binet, A. A304 (1991) 707
Delhez, J.L., see Botman, J.I.M. A304 (1991) 192
Delmee, P.F.M., see van Amersfoort, P.W. A304 (1991) 163
Delo, L., see Takeda, H. A304 (1991) 396
Destler, W.W., see Bidwell, S.W. A304 (1991) 187
Devin, A., see Bottollier-Curtet, H. A304 (1991) 197
Devin, A., see Launspach, J. A304 (1991) 368
Di Crescenzo, J., see Dei-Cas, R. A304 (1991) 215
Di Crescenzo, J., see Balleyguier, P. A304 (1991) 308
Di Mauro, L.F., see Ben-Zvi, I. A304 (1991) 181
Dipace, A., see Castellano, M. A304 (1991) 204
Dodd, J.W., see Bhattacharjee, A. A304 (1991) 99
Dodd, J.W., see Aghamir, F. A304 (1991) 155
Dolique, J.M., see Dei-Cas, R. A304 (1991) 215
Doria, A., see Ciocci, F. A304 (1991) 17
Doria, A., see Bartolini, R. A304 (1991) 417
Doucet, H.J., Panel discussion on Raman FELs A304 (1991) 825
Dowell, D.H., M.L. Laucks, A.R. Lowrey, M. Bemes, A. Currie, P. Johnson, K. McCrary, L. Milliman, C. Lancaster, J. Adamski, D. Pistoresi, D.R. Shoffstall, M. Bentz, R. Burns, J. Guha, R. Hudyma, K. Sun, W. Tomita, W. Mower, S. Bender, J. Goldstein, A.H. Lumpkin, B. McVey, R. Tokar and D. Shemwell, First operation of a free electron laser using a ring resonator A304 (1991) 1
Dowell, D.H., see Laucks, M.L. A304 (1991) 25
Dowell, D.H., M.L. Laucks, A.R. Lowrey, M. Bemes, A. Currie, P. Johnson, K. McCrary, J. Adamski, D.R. Shoffstall, A.H. Lumpkin and R.L. Tokar, Improving electron beam quality of the Boeing free electron laser A304 (1991) 336
Dowell, D.H., see Goldstein, J.C. A304 (1991) 622
Dubovskaya, I.Ya., see Baryshevsky, V.G. A304 (1991) 421
Dudek, J.C., see Septier, A. A304 (1991) 392

Early, J., see Feldman, D.W. A304 (1991) 224
Edighoffer, J., see Kim, K.-J. A304 (1991) 233
Elgin, J.N., A quantum optics approach to the FEL A304 (1991) 406
Elgin, J.N. and C. Penman, Mechanisms for the production of harmonics in free electron lasers A304 (1991) 444
Elias, L.R., I. Kimel, D. Larson, D. Anderson, M. Tecimer and Zhong Zhefu, A compact cw free electron laser . A304 (1991) 219
Elias, L.R., see Tsunawaki, Y. A304 (1991) 753
Elleaume, P. and J. Chavanne, A new powerful flexible linear/helical undulator for soft X-rays A304 (1991) 719
Elleaume, P., see Colson, W.B. A304 (1991) 822
Elliott, C.J., B. McVey and M. Schmitt, Small signal gain based on analytic models of thin intense electron beams A304 (1991) 545
Elliott, C.J., see Goldstein, J.C. A304 (1991) 622
Elliott, C.J., B.D. McVey and D.C. Quimby, Field error lottery A304 (1991) 725
Eriksson, M., see Werin, S. A304 (1991) 81
Ernst, G.J., see Botman, J.I.M. A304 (1991) 192
Etievant, C., see Bassaler, J.M. A304 (1991) 177
Eyharts, P., see Bardy, J. A304 (1991) 311
Eyharts, P., see Launspach, J. A304 (1991) 368
Eyl, P., see Bardy, J. A304 (1991) 311
Eyl, P., see Launspach, J. A304 (1991) 368

Faatz, B., see van Amersfoort, P.W. A304 (1991) 163
Faatz, B., see Best, R.W.B. A304 (1991) 532
Faatz, B., R.W.B. Best and P.W. van Amersfoort, Dynamic behaviour of the EM field in free electron lasers . . . A304 (1991) 551
Faillon, G., see Dei-Cas, R. A304 (1991) 212
Fallou, J.L., see Couprie, M.E. A304 (1991) 710
Faujour, R., see Dei-Cas, R. A304 (1991) 215
Fawley, W.M., see Pierini, P. A304 (1991) 644
Fayer, M.D., Picosecond FEL experiments on condensed matter systems A304 (1991) 797
Feldman, D.M., see Carlsten, B.E. A304 (1991) 587

Feldman, D.W., S.C. Bender, B.E. Carlsten, J. Early, R.B. Feldman, W.J.D. Johnson, A.H. Lumpkin, P.G. O'Shea, W.E. Stein, R.L. Sheffield and K. McKenna, Performance of the Los Alamos HIBAF accelerator at 17 MeV ... A304 (1991) 224
Feldman, D.W., see Lumpkin, A.H. ... A304 (1991) 379
Feldman, R.B., see Feldman, D.W. ... A304 (1991) 224
Feldman, R.B., see Lumpkin, A.H. ... A304 (1991) 374
Feldman, R.B., see Lumpkin, A.H. ... A304 (1991) 379
Ferrario, M., see Pagani, C. ... A304 (1991) 251
Ferrario, M., see Serafini, L. ... A304 (1991) 654
Ferrer, J.L., see Iracane, D. ... A304 (1991) 626
Ferrer, J.L., see Iracane, D. ... A304 (1991) 629
Fisch, E.E., J.E. Walsh, A.K. Henning and M.F. Kimmitt, The semiconductor Cherenkov laser ... A304 (1991) 679
Fomenko, G.P. and A.S. Shlapakovskii, High-order mode domination in the instability spectrum of relativistic electron beam in a dielectric-filled waveguide ... A304 (1991) 447
Fornaca, S., see Lazar, N.H. ... A304 (1991) 243
Fourdin, P., see Dei-Cas, R. ... A304 (1991) 215
Fourdin, P., see Balleyguier, P. ... A304 (1991) 308
Fréhaut, J., see Dei-Cas, R. ... A304 (1991) 215
Fréhaut, J., Space-charge effects in magnetic phase compressors ... A304 (1991) 342
Freund, H.P., see Pershing, D.E. ... A304 (1991) 127
Freund, H.P., Nonlinear theory of slow-wave ubitrons/free electron lasers ... A304 (1991) 555
Freund, H.P. and A.K. Ganguly, High efficiency operation of Cherenkov masers ... A304 (1991) 612
Frisch, J., see Cord, G.A. ... A304 (1991) 601
Frisch, J.C., R.L. Swent and T.I. Smith, Observation of anomalous power loss in a FEL ... A304 (1991) 21

Galayda, J., see Tanabe, T. ... A304 (1991) 77
Gallardo, J.C. and R.B. Palmer, Emittance correction of photocathode gun ... A304 (1991) 345
Gallerano, G., see Barbagelata, L. ... A304 (1991) 703
Gallerano, G.P., see Ciocci, F. ... A304 (1991) 17
Gallerano, G.P., see Castellano, M. ... A304 (1991) 204
Gallerano, G.P., see Bartolini, R. ... A304 (1991) 417
Ganguly, A.K., see Freund, H.P. ... A304 (1991) 612
Gao, J., Theoretical investigation of optimizing the microwave electron gun ... A304 (1991) 348
Gao, J., Nonlinear repairing in phase space. Emittance recovering techniques ... A304 (1991) 353
Gao, J. and J.L. Xie, Rf gun development at IHEP for BFELP ... A304 (1991) 357
Gardelle, J., see Bottollier-Curtet, H. ... A304 (1991) 197
Gardelle, J., see Launspach, J. ... A304 (1991) 368
Garganne, P., see Couprie, M.E. ... A304 (1991) 710
Gavrilov, N.G., see Couprie, M.E. ... A304 (1991) 47
Gavrilov, N.G., G.N. Kulipanov, V.N. Litvinenko, I.V. Pinayev, V.M. Popik, I.G. Silvestrov, A.N. Skrinsky, A.S. Sokolov, N.A. Vinokurov and P.D. Vobly, Observation of mutual coherence of spontaneous radiation from two undulators separated by an achromatic bend ... A304 (1991) 63
Gavrilov, N.G., E.I. Gorniker, G.N. Kulipanov, I.V. Kuptsov, G.Ya. Kurkin, A.D. Oreshkov, V.M. Petrov, I.V. Pinayev, I.K. Sedlyarov, A.N. Skrinsky, A.S. Sokolov, V.G. Veshcherevich, N.A. Vinokurov and P.D. Vobly, Project of a race-track microtron-recuperator for a free electron laser ... A304 (1991) 228
Genz, H., see Alrutz-Ziemssen, K. ... A304 (1991) 159
Genz, H., see Alrutz-Ziemssen, K. ... A304 (1991) 300
Germain, G., see Bottollier-Curtet, H. ... A304 (1991) 197
Germain, G., see Launspach, J. ... A304 (1991) 368
Ghalila, H., see Sternbach, E.J. ... A304 (1991) 691
Ghigo, A., see Castellano, M. ... A304 (1991) 204
Giannessi, L., see Dattoli, G. ... A304 (1991) 541
Gillingham, D.R. and W.B. Colson, Electron phase-space trajectories in a linearly polarized free electron laser ... A304 (1991) 617
Gluckstern, R.L., see Yu, L.H. ... A304 (1991) 516
Goldstein, J., see Dowell, D.H. ... A304 (1991) 1
Goldstein, J., see Laucks, M.L. ... A304 (1991) 25
Goldstein, J.C., R.W. Warren and B.E. Newnam, Design requirements and calculated performance of an XUV FEL oscillator operating on a higher harmonic ... A304 (1991) 449
Goldstein, J.C., R.L. Tokar, B.D. McVey, C.J. Elliott, D.H. Dowell, M.L. Laucks and A.R. Lowrey, INEX modeling of the Boeing ring optical resonator free electron laser ... A304 (1991) 622

Goldstein, J.C., see Souza, R. . . . A304 (1991) 687
Goloviznin, V.V., see Bazylev, V.A. . . . A304 (1991) 432
Gorniker, E.I., see Gavrilov, N.G. . . . A304 (1991) 228
Gottschalk, S.C., A.L. Pindroh, D.C. Quimby, K.E. Robinson and J.M. Slater, Enhanced FEL performance from superconducting undulators . . . A304 (1991) 732
Gough, R., see Kim, K.-J. . . . A304 (1991) 233
Gover, A., see Pinhasi, Y. . . . A304 (1991) 481
Gover, A., see Cohen, M. . . . A304 (1991) 673
Gover, A., see Keselbrener, M. . . . A304 (1991) 782
Gover, A., see Colson, W.B. . . . A304 (1991) 822
Gover, A. and D. Iracane, Report on the theoretical panel . . . A304 (1991) 827
Gräf, H.-D., see Alrutz-Ziemssen, K. . . . A304 (1991) 159
Gräf, H.-D., see Alrutz-Ziemssen, K. . . . A304 (1991) 300
Granatstein, V.L., see Bidwell, S.W. . . . A304 (1991) 187
Grattarola, M., see Barbagelata, L. . . . A304 (1991) 703
Grua, P., see Launspach, J. . . . A304 (1991) 368
Guha, J., see Dowell, D.H. . . . A304 (1991) 1
Guidevaux, J., see Dei-Cas, R. . . . A304 (1991) 212
Guilloud, M., see Dei-Cas, R. . . . A304 (1991) 215
Guilloud, M., see Bois, R. . . . A304 (1991) 315
Guyot-Sionnest, P., see Prazeres, R. . . . A304 (1991) 72

Hafizi, B., see Tang, C.M. . . . A304 (1991) 497
Hagedoorn, H.L., see Botman, J.I.M. . . . A304 (1991) 192
Hajima, R., H. Ohashi, S. Kondo and M. Akiyama, Status of the free electron laser experiment at UT/NERL . A304 (1991) 230
Haouat, G., see Dei-Cas, R. . . . A304 (1991) 215
Haouat, G., see Balleyguier, P. . . . A304 (1991) 308
Hartman, S.C., see Aghamir, F. . . . A304 (1991) 155
Haselhoff, E.H., see Botman, J.I.M. . . . A304 (1991) 192
Hauss, B., see Lazar, N.H. . . . A304 (1991) 243
Hellingman, P., see van Amersfoort, P.W. . . . A304 (1991) 163
Henning, A.K., see Fisch, E.E. . . . A304 (1991) 679
Hermeline, F., see Adolf, A. . . . A304 (1991) 297
Hifumi, T., see Sato, S. . . . A304 (1991) 649
Huang Min, see Xie Jialin . . . A304 (1991) 770
Hudyma, R., see Dowell, D.H. . . . A304 (1991) 1
Hudyma, R., see Laucks, M.L. . . . A304 (1991) 25

Imasaki, K., see Mima, K. . . . A304 (1991) 93
Imasaki, K., see Ohigashi, N. . . . A304 (1991) 476
Imasaki, K., see Tsunawaki, Y. . . . A304 (1991) 753
Iracane, D., see Dei-Cas, R. . . . A304 (1991) 215
Iracane, D. and J.L. Ferrer, A mechanism for the spectral broadening of a Compton free electron laser . . . A304 (1991) 626
Iracane, D. and J.L. Ferrer, Asymptotic behaviour of a Compton free electron laser . . . A304 (1991) 629
Iracane, D., see Binet, A. . . . A304 (1991) 707
Iracane, D., see Gover, A. . . . A304 (1991) 827
Ivanchenkov, S.N., see Aghamir, F. . . . A304 (1991) 155

Jackson, R.H., see Pershing, D.E. . . . A304 (1991) 127
Jaroszynski, D., see Couprie, M.E. . . . A304 (1991) 58
Jaroszynski, D., see Prazeres, R. . . . A304 (1991) 72
Jaroszynski, D.A., see van Amersfoort, P.W. . . . A304 (1991) 163
Jerby, E., G. Bekefi and J.S. Wurtele, Observations of periodic intensity bursts from a free electron laser oscillator . . . A304 (1991) 107
Johnson, B.C., see Debenham, P.H. . . . A304 (1991) 208
Johnson, P., see Dowell, D.H. . . . A304 (1991) 1
Johnson, P., see Laucks, M.L. . . . A304 (1991) 25
Johnson, P., see Dowell, D.H. . . . A304 (1991) 336
Johnson, R.G., see Debenham, P.H. . . . A304 (1991) 208
Johnson, W.J., see Lumpkin, A.H. . . . A304 (1991) 379
Johnson, W.J.D., see Feldman, D.W. . . . A304 (1991) 224

Johnson, W.J.D. and C.T. Abdallah, Robust control of accelerators A304 (1991) 364
Joly, R., see Dei-Cas, R. A304 (1991) 215
Joly, R., see Balleyguier, P. A304 (1991) 308
Joly, S., see Dei-Cas, R. A304 (1991) 215
Joly, S., see Balleyguier, P. A304 (1991) 308
Joly, S., see De Brion, J.P. A304 (1991) 333
Jong, R.A., see Shay, H.D. A304 (1991) 262
Joshi, C.J., see Aghamir, F. A304 (1991) 155

Karbushev, N.I. and A.D. Shatkus, To the theory of induced scattering of electromagnetic waves by an electron beam in a regular waveguide A304 (1991) 559
Katsouleas, T.C., see Aghamir, F. A304 (1991) 155
Kawai, M., see Kawamura, Y. A304 (1991) 111
Kawamura, Y., B.C. Lee, M. Kawai and K. Toyoda, Experimental studies on various characteristics of a waveguide mode free electron laser using cold relativistic electron beams A304 (1991) 111
Kawasaki, S., see Shiho, M. A304 (1991) 141
Keselbrener, M., S. Ruschin, B. Lissak and A. Gover, Numerical studies of resonators with on-axis holes in mirrors for FEL application A304 (1991) 782
Kiel, D.H. and W.B. Colson, Macroparticle model of the high-current, strong-field free electron laser A304 (1991) 453
Kim, C., see Kim, K.-J. A304 (1991) 233
Kim, K.-J. and M. Xie, Stability and performance of CDRL-FEL A304 (1991) 146
Kim, K.-J., M. Berz, S. Chattopadhyay, J. Edighoffer, R. Gough, C. Kim, A.H. Kung, W. Stein and M. Xie, Design overview of a highly stable infrared free electron laser at LBL A304 (1991) 233
Kim, K.-J., The evolution and limits of spectral bandwidth in free electron lasers A304 (1991) 458
Kim, K.-J., see Xie, M. A304 (1991) 792
Kim, K.-J., see Colson, W.B. A304 (1991) 822
Kimel, I., see Elias, L.R. A304 (1991) 219
Kimmitt, M.F., see Ciocci, F. A304 (1991) 17
Kimmitt, M.F., see Price, E.J. A304 (1991) 133
Kimmitt, M.F., see Fisch, E.E. A304 (1991) 679
Kishimoto, Y., see Shiho, M. A304 (1991) 141
Kishimoto, Y., H. Oda and M. Shiho, Origin of parasitic wave in a Raman-regime free electron laser A304 (1991) 632
Kitora, M., see Sekita, H. A304 (1991) 137
Kleeven, W.J.G.M., see Botman, J.I.M. A304 (1991) 192
Knox-Seith, J.F., see Amir, A. A304 (1991) 12
Kolonko, J., see Aghamir, F. A304 (1991) 155
Kondo, S., see Hajima, R. A304 (1991) 230
Kong, G., J. Lucas and R.A. Stuart, Low-voltage ubitrons for industrial purposes A304 (1991) 238
Krinsky, S., see Ben-Zvi, I. A304 (1991) 181
Krinsky, S., see Yu, L.H. A304 (1991) 516
Kulipanov, G.N., see Couprie, M.E. A304 (1991) 47
Kulipanov, G.N., see Gavrilov, N.G. A304 (1991) 63
Kulipanov, G.N., see Gavrilov, N.G. A304 (1991) 228
Kulke, B., see Caplan, M. A304 (1991) 200
Kung, A.H., see Kim, K.-J. A304 (1991) 233
Kuptsov, I.V., see Gavrilov, N.G. A304 (1991) 228
Kurkin, G.Ya., see Gavrilov, N.G. A304 (1991) 228
Kuruma, S., see Mima, K. A304 (1991) 93
Kuruma, S., see Ohigashi, N. A304 (1991) 476
Kuruma, S., K. Mima, K. Ohi, S. Nakai and C. Yamanaka, Simulation of higher-harmonics generation in a FEL A304 (1991) 638
Kuruma, S., see Tsunawaki, Y. A304 (1991) 753

Labrouche, J., see Bottollier-Curtet, H. A304 (1991) 197
Labrouche, J., see Bardy, J. A304 (1991) 311
Labrouche, J., see Launspach, J. A304 (1991) 368
Lachin, Yu.Yu., see Aghamir, F. A304 (1991) 155
Laget, J.P., see Dei-Cas, R. A304 (1991) 215
Laget, J.P., see Balleyguier, P. A304 (1991) 308
Laget, J.P., see Bois, R. A304 (1991) 315

Lancaster, C., see Dowell, D.H. A304 (1991) 1
Larson, D., see Elias, L.R. A304 (1991) 219
Larsson, J., see Werin, S. A304 (1991) 81
Laspalles, C., see Balleyguier, P. A304 (1991) 308
Laspalles, Cl., see Dei-Cas, R. A304 (1991) 215
Latham, P.E., see Bidwell, S.W. A304 (1991) 187
Laucks, M.L., see Dowell, D.H. A304 (1991) 1
Laucks, M.L., D.H. Dowell, A.R. Lowrey, M. Bemes, A. Currie, P. Johnson, K. McCrary, J. Adamski, D. Pistoresi, D.R. Shoffstall, M. Bentz, R. Burns, R. Hudyma, K. Sun, W. Mower, S. Bender, J. Goldstein, A. Lumpkin, B. McVey, R. Tokar and D. Shemwell, Optical measurements on the Boeing free electron laser ring resonator experiment A304 (1991) 25
Laucks, M.L., see Dowell, D.H. A304 (1991) 336
Laucks, M.L., see Goldstein, J.C. A304 (1991) 622
Launspach, J., see Bottollier-Curtet, H. A304 (1991) 197
Launspach, J., see Bardy, J. A304 (1991) 311
Launspach, J., J.M. Angles, M. Angles, P. Anthouard, J. Bardy, C. Bonnafond, H. Bottollier-Curtet, A. Devin, P. Eyharts, P. Eyl, J. Gardelle, G. Germain, P. Grua, J. Labrouche, J. de Mascureau, P. Le Taillandier, W. Stadnikoff and M. Thevenot, High power induction linac for FEL applications at CESTA A304 (1991) 368
Lazar, N.H., H. Boehmer, S. Fornaca, B. Hauss, B. Quon, N. Roy, S. Talmadge, H. Thompson Jr. and G. Neil, High brightness injector for a high power superconducting rf FEL A304 (1991) 243
Le Taillandier, P., see Bottollier-Curtet, H. A304 (1991) 197
Le Taillandier, P., see Bardy, J. A304 (1991) 311
Le Taillandier, P., see Launspach, J. A304 (1991) 368
Leblond, B., see Bourdon, J.C. A304 (1991) 322
Leblond, B., see Septier, A. A304 (1991) 392
Leboutet, H., see Dei-Cas, R. A304 (1991) 215
Leboutet, H., see Aucouturier, J. A304 (1991) 305
Leboutet, H., see Balleyguier, P. A304 (1991) 308
Lee, B.C., see Kawamura, Y. A304 (1991) 111
Leprêtre, A., see Couprie, M.E. A304 (1991) 710
Levush, B., see Bidwell, S.W. A304 (1991) 187
Li Chengze, see Xie Jialin A304 (1991) 770
Li Yonggui, see Xie Jialin A304 (1991) 770
Lindstrom, E.R., see Debenham, P.H. A304 (1991) 208
Liposky, P.J., see Debenham, P.H. A304 (1991) 208
Lissak, B., see Keselbrener, M. A304 (1991) 782
Litvinenko, V.N., Storage ring FELs and the prospects A304 (1991) 40
Litvinenko, V.N., see Couprie, M.E. A304 (1991) 47
Litvinenko, V.N., see Gavrilov, N.G. A304 (1991) 63
Litvinenko, V.N. and N.A. Vinokurov, Lasing spectrum and temporal structure in storage ring FELs: theory and experiment A304 (1991) 66
Litvinenko, V.N., High gain distributed optical klystron A304 (1991) 463
Litvinenko, V.N., see Colson, W.B. A304 (1991) 822
Liu, C., see Yang, T.L. A304 (1991) 280
Liu, H., Simulation of an rf thermionic gun A304 (1991) 371
Lowrey, A.R., see Dowell, D.H. A304 (1991) 1
Lowrey, A.R., see Laucks, M.L. A304 (1991) 25
Lowrey, A.R., see Dowell, D.H. A304 (1991) 336
Lowrey, A.R., see Goldstein, J.C. A304 (1991) 622
Lu, Zaitong, see Wang, M.C. A304 (1991) 116
Lucas, J., see Kong, G. A304 (1991) 238
Luhmann, N., see Caplan, M. A304 (1991) 200
Luhmann, N.C., see Aghamir, F. A304 (1991) 155
Lumpkin, A., see Laucks, M.L. A304 (1991) 25
Lumpkin, A.H., see Dowell, D.H. A304 (1991) 1
Lumpkin, A.H., The next generation of rf FEL (free electron laser) diagnostics: synchroscan and dual-sweep streak camera techniques A304 (1991) 31
Lumpkin, A.H., see Feldman, D.W. A304 (1991) 224
Lumpkin, A.H., see Dowell, D.H. A304 (1991) 336
Lumpkin, A.H., B.E. Carlsten and R.B. Feldman, First measurements of electron-beam transit times and micropulse elongation in a photoelectric injector at the high-brightness accelerator FEL (HIBAF) A304 (1991) 374

Lumpkin, A.H., R.B. Feldman, B.E. Carlsten, D.W. Feldman, R.L. Sheffield, W.E. Stein, W.J. Johnson, L.E. Thode, S.C. Bender and G.E. Busch, Initial observations of high-charge, low-emittance electron beams at HIBAF A304 (1991) 379
Lumpkin, A.H., see Carlsten, B.E. A304 (1991) 587
Lumpkin, A.H., see Colson, W.B. A304 (1991) 822

Madey, J.M.J., see McKee, C.B. A304 (1991) 386
Maebara, S., see Shiho, M. A304 (1991) 141
Maeda, H., see Shiho, M. A304 (1991) 141
Manintveld, P., see van Amersfoort, P.W. A304 (1991) 163
Mao Chensheng, see Xie Jialin A304 (1991) 770
Marella, A.B., see Debenham, P.H. A304 (1991) 208
Marilleau, J., see Adolf, A. A304 (1991) 297
Marmouget, J.G., see Dei-Cas, R. A304 (1991) 215
Marmouget, J.G., see Binet, A. A304 (1991) 707
Marshall, T.C., see Tanabe, T. A304 (1991) 77
Marshall, T.C., see Bhattacharjee, A. A304 (1991) 99
Marshall, T.C., A. Bhattacharjee, S.Y. Cai, Y.P. Chou and I. Wernick, Inverse FEL accelerator: experiment and theory A304 (1991) 683
Martin, J., see Couprie, M.E. A304 (1991) 710
Masseron, D., see Dei-Cas, R. A304 (1991) 215
Masseron, D., see Bois, R. A304 (1991) 315
Mastop, W.J., see van Amersfoort, P.W. A304 (1991) 163
Matrone, A., see Barbagelata, L. A304 (1991) 703
Mayergoyz, I.D., see Bidwell, S.W. A304 (1991) 187
McCrary, K., see Dowell, D.H. A304 (1991) 1
McCrary, K., see Laucks, M.L. A304 (1991) 25
McCrary, K., see Dowell, D.H. A304 (1991) 336
McDermott, D., see Caplan, M. A304 (1991) 200
McDermott, D.B., see Aghamir, F. A304 (1991) 155
McKee, C.B. and J.M.J. Madey, Optimization of a thermionic microwave electron gun A304 (1991) 386
McKenna, K., see Feldman, D.W. A304 (1991) 224
McNeil, B.W.J., P. Pierini and R. Bonifacio, Microscopic gain mechanism in the high-gain free electron laser . . A304 (1991) 411
McVey, B., see Dowell, D.H. A304 (1991) 1
McVey, B., see Laucks, M.L. A304 (1991) 25
McVey, B., see Elliott, C.J. A304 (1991) 545
McVey, B.D., see Schmitt, M.J. A304 (1991) 571
McVey, B.D., see Goldstein, J.C. A304 (1991) 622
McVey, B.D., see Elliott, C.J. A304 (1991) 725
Meddens, B.J.H., see van Amersfoort, P.W. A304 (1991) 163
Menninger, W.L., see Chen, C. A304 (1991) 593
Messina, G., see Ciocci, F. A304 (1991) 17
Mezi, L., see Dattoli, G. A304 (1991) 541
Michaud, P., see Dei-Cas, R. A304 (1991) 215
Michaud, P., see Bois, R. A304 (1991) 315
Michel, L., A. Bourdier and J.M. Buzzi, Chaotic electron trajectories in a free electron laser A304 (1991) 465
Mikado, T., see Yamada, K. A304 (1991) 86
Milliman, L., see Dowell, D.H. A304 (1991) 1
Mima, K., T. Akiba, K. Imasaki, N. Ohigashi, T. Tsunawaki, T. Taguchi, S. Kuruma, S. Nakai and C. Yamanaka, Distributed feedback and gas-loaded FELs driven by induction linac SHVS A304 (1991) 93
Mima, K., see Ohigashi, N. A304 (1991) 476
Mima, K., see Kuruma, S. A304 (1991) 638
Mima, K., see Tsunawaki, Y. A304 (1991) 753
Mizuno, T., see Sekita, H. A304 (1991) 137
Mohr, D.L., see Debenham, P.H. A304 (1991) 208
Moret-Bailly, J. and M. Roche, Electrostatic FEL frequency stabilization: optical design and amplifying medium A304 (1991) 248
Moret-Bailly, J., see Roche, M. A304 (1991) 255
Mower, W., see Dowell, D.H. A304 (1991) 1
Mower, W., see Laucks, M.L. A304 (1991) 25
Munch, D., see Bois, R. A304 (1991) 315

Nagashima, T., see Shiho, M. A304 (1991) 141
Naito, Y., see Sekita, H. A304 (1991) 137
Nakai, S., see Mima, K. A304 (1991) 93
Nakai, S., see Ohigashi, N. A304 (1991) 476
Nakai, S., see Kuruma, S. A304 (1991) 638
Nakai, S., see Tsunawaki, Y. A304 (1991) 753
Nakata, S., see Sato, S. A304 (1991) 649
Neil, G., see Lazar, N.H. A304 (1991) 243
Newnam, B.E., see Goldstein, J.C. A304 (1991) 449
Nijman, J.P., see van Amersfoort, P.W. A304 (1991) 163
Nölle, D., Some thoughts on high-gain optical klystrons A304 (1991) 472

Oda, H., see Shiho, M. A304 (1991) 141
Oda, H., see Kishimoto, Y. A304 (1991) 632
Oepts, D., see van Amersfoort, P.W. A304 (1991) 163
Oepts, D., see Colson, W.B. A304 (1991) 822
Ohashi, H., see Hajima, R. A304 (1991) 230
Ohgaki, H., see Yamada, K. A304 (1991) 86
Ohi, K., see Ohigashi, N. A304 (1991) 476
Ohi, K., see Kuruma, S. A304 (1991) 638
Ohigashi, N., see Mima, K. A304 (1991) 93
Ohigashi, N., K. Mima, K. Ohi, S. Kuruma, T. Akiba, K. Imasaki, Y. Tsunawaki, T. Taguchi, C. Yamanaka and S. Nakai, Studies on an accelerator by an inverse free electron laser process A304 (1991) 476
Ohigashi, N., see Tsunawaki, Y. A304 (1991) 753
Ohta, H., see Sekita, H. A304 (1991) 137
Okuda, S., see Sato, S. A304 (1991) 649
Omeich, M., see Bourdon, J.C. A304 (1991) 322
Oreshkov, A.D., see Gavrilov, N.G. A304 (1991) 228
Ortega, J.M., see Prazeres, R. A304 (1991) 72
Ortega, J.M., see Bourdon, J.C. A304 (1991) 322
Ortega, J.M., see Couprie, M.E. A304 (1991) 710
O'Shea, P.G., see Feldman, D.W. A304 (1991) 224
O'Shea, P.G., see Carlsten, B.E. A304 (1991) 587
Ottonello, G., see Barbagelata, L. A304 (1991) 703
Ou Yangqun, see Xie Jialin A304 (1991) 770

Pagani, C., L. Serafini, S. Tazzari and M. Ferrario, The ARES linac as a possible VUV FEL driver A304 (1991) 251
Pagani, C., see Serafini, L. A304 (1991) 654
Palmer, R.B., see Gallardo, J.C. A304 (1991) 345
Pan, L.H., see Yang, T.L. A304 (1991) 280
Pantell, R.H., Comparisons between the FEL and the conventional laser A304 (1991) 798
Papadichev, V.A., see Bogachenkov, V.A. A304 (1991) 104
Papadichev, V.A., Analytical formulae for magnetic fields in undulators A304 (1991) 743
Papadichev, V.A., Electron trajectories in undulators A304 (1991) 749
Park, J.-H. and W.B. Colson, A simple model of the LLNL ELF FEL amplifier A304 (1991) 641
Park, S., see Aghamir, F. A304 (1991) 155
Patteri, P., see Castellano, M. A304 (1991) 204
Pellegrini, C., see Aghamir, F. A304 (1991) 155
Pendergast, K.D., B.G. Danly and R.J. Temkin, Operation of a long-pulse CARM oscillator A304 (1991) 121
Penman, C., see van der Slot, P.J.M. A304 (1991) 268
Penman, C., see Elgin, J.N. A304 (1991) 444
Penner, S., see Debenham, P.H. A304 (1991) 208
Pershing, D.E., R.H. Jackson, H. Bluem and H.P. Freund, Improved amplifier performance of the NRL ubitron A304 (1991) 127
Persson, A., see Werin, S. A304 (1991) 81
Petroff, Y., see Prazeres, R. A304 (1991) 72
Petrov, V.M., see Gavrilov, N.G. A304 (1991) 228
Pierini, P., see McNeil, B.W.J. A304 (1991) 411
Pierini, P., W.M. Fawley and W.M. Sharp, Multidimensional simulations of the ELFA superradiant free electron laser A304 (1991) 644
Pinaev, I.V., see Couprie, M.E. A304 (1991) 47

Pinayev, I.V., see Gavrilov, N.G. . . . A304 (1991) 63
Pinayev, I.V., see Gavrilov, N.G. . . . A304 (1991) 228
Pinayev, I.V., A.S. Sokolov and N.A. Vinokurov, Method of operative control of the radius of curvature and reflection losses of optical cavity mirrors . . . A304 (1991) 786
Pindroh, A.L., see Gottschalk, S.C. . . . A304 (1991) 732
Pinhasi, Y. and A. Gover, Gain analysis of a strong-pump FEL operating at the fundamental and high harmonics . . . A304 (1991) 481
Piovella, N., see Warren, R.W. . . . A304 (1991) 696
Pistoresi, D., see Dowell, D.H. . . . A304 (1991) 1
Pistoresi, D., see Laucks, M.L. . . . A304 (1991) 25
Pitatelev, M.M., see Varfolomeev, A.A. . . . A304 (1991) 507
Plouviez, E., see Bourdon, J.C. . . . A304 (1991) 322
Pluygers, J., see van Amersfoort, P.W. . . . A304 (1991) 163
Popik, V.M., see Couprie, M.E. . . . A304 (1991) 47
Popik, V.M., see Gavrilov, N.G. . . . A304 (1991) 63
Pranal, Y., see Dei-Cas, R. . . . A304 (1991) 215
Pranal, Y., see Binet, A. . . . A304 (1991) 707
Prazeres, R., see Couprie, M.E. . . . A304 (1991) 53
Prazeres, R., P. Guyot-Sionnest, J.M. Ortega, D. Jaroszynski, M. Billardon, M.E. Couprie, M. Velghe and Y. Petroff, Coherent harmonic generation in VUV with the optical klystron on the storage ring Super-ACO . . . A304 (1991) 72
Price, E.J., J.E. Walsh and M.F. Kimmitt, Short submillimeter operation of the Planar Orotron . . . A304 (1991) 133

Quimby, D.C., see Elliott, C.J. . . . A304 (1991) 725
Quimby, D.C., see Gottschalk, S.C. . . . A304 (1991) 732
Quon, B., see Lazar, N.H. . . . A304 (1991) 243

Radack, D.J., see Bidwell, S.W. . . . A304 (1991) 187
Ramian, G., see Colson, W.B. . . . A304 (1991) 822
Raviart, P.A., see Adolf, A. . . . A304 (1991) 297
Renieri, A., see Ciocci, F. . . . A304 (1991) 17
Renieri, A., see Castellano, M. . . . A304 (1991) 204
Renieri, A., see Bartolini, R. . . . A304 (1991) 417
Renieri, A., see Barbagelata, L. . . . A304 (1991) 703
Renieri, A., Plasma heating by FEL devices . . . A304 (1991) 804
Renz, G., see Spindler, G. . . . A304 (1991) 492
Richter, A., see Alrutz-Ziemssen, K. . . . A304 (1991) 159
Richter, A., see Alrutz-Ziemssen, K. . . . A304 (1991) 300
Riyopoulos, S., Mode competition and long time recurrence in low gain FEL oscillators . . . A304 (1991) 564
Robinson, K.E., see Gottschalk, S.C. . . . A304 (1991) 732
Roche, M., see Moret-Bailly, J. . . . A304 (1991) 248
Roche, M. and J. Moret-Bailly, SIRIUS FEL project . . . A304 (1991) 255
Rodier, J., see Bourdon, J.C. . . . A304 (1991) 322
Röjsel, P., A racetrack microtron for free electron laser use . . . A304 (1991) 258
Rosatelli, F., see Barbagelata, L. . . . A304 (1991) 703
Roy, N., see Lazar, N.H. . . . A304 (1991) 243
Ruschin, S., see Cohen, M. . . . A304 (1991) 673
Ruschin, S., see Keselbrener, M. . . . A304 (1991) 782
Ryne, R.D., see Shay, H.D. . . . A304 (1991) 262

Sabary, F., see Septier, A. . . . A304 (1991) 392
Sabia, E., see Castellano, M. . . . A304 (1991) 204
Sabia, E., see Barbagelata, L. . . . A304 (1991) 703
Saito, H., see Sekita, H. . . . A304 (1991) 137
Sakamoto, K., see Shiho, M. . . . A304 (1991) 141
Sanelli, C., see Castellano, M. . . . A304 (1991) 204
Sato, S., Y. Yasojima, S. Nakata, C. Tsukishima, T. Hifumi and S. Okuda, Design and experiment of a far-infrared FEL . . . A304 (1991) 649
Saxon, G., see Bakker, R.J. . . . A304 (1991) 173
Scharlemann, E.T., see Shay, H.D. . . . A304 (1991) 262
Schmitt, M., see Elliott, C.J. . . . A304 (1991) 545
Schmitt, M.J. and B.D. McVey, Three-dimensional simulations of harmonic radiation and harmonic lasing . . . A304 (1991) 571

Schumann, F., see Dei-Cas, R. . . . A304 (1991) 215
Schumann, F., see Balleyguier, P. . . . A304 (1991) 308
Schumann, F., see De Brion, J.P. . . . A304 (1991) 333
Schwettman, H.A., see Swent, R.L. . . . A304 (1991) 272
Schwettman, H.A., see Smith, T.I. . . . A304 (1991) 812
Sedlyarov, I.K., see Gavrilov, N.G. . . . A304 (1991) 228
Segré, J., see Adolf, A. . . . A304 (1991) 297
Seguin, S., see Dei-Cas, R. . . . A304 (1991) 215
Sekita, H., T. Mizuno, H. Ohta, M. Kitora, Y. Naito and H. Saito, Long-pulse experiment of circular free electron laser . . . A304 (1991) 137
Septier, A., F. Sabary, J.C. Dudek, H. Bergeret and B. Leblond, A binary Al/Li alloy as a new material for the realization of high-intensity pulsed photocathodes . . . A304 (1991) 392
Serafini, L., see Pagani, C. . . . A304 (1991) 251
Serafini, L., M. Ferrario and C. Pagani, Subharmonic optical klystron: SHOK . . . A304 (1991) 654
Serio, M., see Castellano, M. . . . A304 (1991) 204
Sessler, A.M., see Sharp, W.M. . . . A304 (1991) 487
Sharp, W.M., A.M. Sessler, D.H. Whittum and J.S. Wurtele, Simulation of a standing-wave free electron laser . A304 (1991) 487
Sharp, W.M., see Pierini, P. . . . A304 (1991) 644
Shatkus, A.D., see Karbushev, N.I. . . . A304 (1991) 559
Shatkus, A.D., Linear theory of optical guiding in a free electron laser with an annular electron beam . . . A304 (1991) 583
Shay, H.D., R.A. Jong, R.D. Ryne, S.S. Yu and E.T. Scharlemann, Use of a FEL as a buncher for a TBA scheme . . . A304 (1991) 262
Sheffield, R.L., see Feldman, D.W. . . . A304 (1991) 224
Sheffield, R.L., see Lumpkin, A.H. . . . A304 (1991) 379
Shemwell, D., see Dowell, D.H. . . . A304 (1991) 1
Shemwell, D., see Laucks, M.L. . . . A304 (1991) 25
Shi, X.Z., see Yang, T.L. . . . A304 (1991) 280
Shih, C.-C. and S.-M. Shih, Advanced free electron laser resonator . . . A304 (1991) 788
Shih, S.-M., see Shih, C.-C. . . . A304 (1991) 788
Shiho, M., K. Sakamoto, S. Maebara, A. Watanabe, Y. Kishimoto, H. Oda, S. Kawasaki, T. Nagashima and H. Maeda, JAERI millimeter wave FEL experiments with a focusing wiggler . . . A304 (1991) 141
Shiho, M., see Kishimoto, Y. . . . A304 (1991) 632
Shlapakovskii, A.S., see Fomenko, G.P. . . . A304 (1991) 447
Shoffstall, D.R., see Dowell, D.H. . . . A304 (1991) 1
Shoffstall, D.R., see Laucks, M.L. . . . A304 (1991) 25
Shoffstall, D.R., see Dowell, D.H. . . . A304 (1991) 336
Silvestrov, I.G., see Gavrilov, N.G. . . . A304 (1991) 63
Simon, M., see Dei-Cas, R. . . . A304 (1991) 212
Sinilshikova, I.V., see Bogachenkov, V.A. . . . A304 (1991) 104
Skrinsky, A.N., see Couprie, M.E. . . . A304 (1991) 47
Skrinsky, A.N., see Gavrilov, N.G. . . . A304 (1991) 63
Skrinsky, A.N., see Gavrilov, N.G. . . . A304 (1991) 228
Slater, J.M., see Gottschalk, S.C. . . . A304 (1991) 732
Smith, O.A., see Bogachenkov, V.A. . . . A304 (1991) 104
Smith, T.I., see Frisch, J.C. . . . A304 (1991) 21
Smith, T.I., see Swent, R.L. . . . A304 (1991) 272
Smith, T.I. and H.A. Schwettman, Facilities for using the FEL as a research tool . . . A304 (1991) 812
Sokolov, A.S., see Gavrilov, N.G. . . . A304 (1991) 63
Sokolov, A.S., see Gavrilov, N.G. . . . A304 (1991) 228
Sokolov, A.S., see Pinayev, I.V. . . . A304 (1991) 786
Song, Z.H., see Yang, T.L. . . . A304 (1991) 280
Souza, R., W.B. Colson, R.W. Warren and J.C. Goldstein, Evaluation of compact FELs operating at 0.4 micron wavelength . . . A304 (1991) 687
Spalek, G., see Chan, K.C.D. . . . A304 (1991) 329
Spindler, G. and G. Renz, Chaotic behavior of electron orbits in a free electron laser near magnetoresonance . . A304 (1991) 492
Sprangle, P., see Debenham, P.H. . . . A304 (1991) 208
Stadnikoff, W., see Launspach, J. . . . A304 (1991) 368
Stanford, E.R. and T.M. Antonsen Jr., The effect of dispersion on mode competition in FEL oscillators . . . A304 (1991) 659
Stein, W., see Kim, K.-J. . . . A304 (1991) 233
Stein, W.E., see Feldman, D.W. . . . A304 (1991) 224
Stein, W.E., see Lumpkin, A.H. . . . A304 (1991) 379

Sterk, A.B., see van Amersfoort, P.W. A304 (1991) 168
Sternbach, E.J., Computer simulation of superradiant free electron lasers in highly dispersive waveguides A304 (1991) 663
Sternbach, E.J. and H. Ghalila, Enhanced emission of high frequency radiation from an electron beam in an undulator by backward wave resonance A304 (1991) 691
Striby, S., see Dei-Cas, R. A304 (1991) 215
Striby, S., see Balleyguier, P. A304 (1991) 308
Stuart, R.A., see Kong, G. A304 (1991) 238
Sugiyama, S., see Yamada, K. A304 (1991) 86
Sun, K., see Dowell, D.H. A304 (1991) 1
Sun, K., see Laucks, M.L. A304 (1991) 25
Suzuki, R., see Yamada, K. A304 (1991) 86
Svanberg, S., see Werin, S. A304 (1991) 81
Swent, R.L., see Frisch, J.C. A304 (1991) 21
Swent, R.L., K.W. Berryman, H.A. Schwettman and T.I. Smith, Applications of wavelength agility in an FEL facility A304 (1991) 272

Taguchi, T., see Mima, K. A304 (1991) 93
Taguchi, T., see Ohigashi, N. A304 (1991) 476
Takeda, H., K. Davis and L. Delo, Beam quality simulation of the Boeing photoinjector accelerator for the MCTD project A304 (1991) 396
Takeda, H., see Carlsten, B.E. A304 (1991) 587
Talmadge, S., see Lazar, N.H. A304 (1991) 243
Tanabe, T., M.C. Teich, T.C. Marshall and J. Galayda, Measurement of photon statistics of wiggler radiation from an electron storage ring A304 (1991) 77
Tang, C.M., see Debenham, P.H. A304 (1991) 208
Tang, C.M. and B. Hafizi, Theoretical analysis of radiation pulses in the NIST/NRL FEL oscillator A304 (1991) 497
Tang, C.M., Recent advances in free electron laser theory A304 (1991) 526
Tazzari, S., see Pagani, C. A304 (1991) 251
Tazzioli, F., see Castellano, M. A304 (1991) 204
Tecimer, M., see Elias, L.R. A304 (1991) 219
Teich, M.C., see Tanabe, T. A304 (1991) 77
Temkin, R.J., see Pendergast, K.D. A304 (1991) 121
Terrien, J.-C., see Aghamir, F. A304 (1991) 155
Thevenot, M., see Bardy, J. A304 (1991) 311
Thevenot, M., see Launspach, J. A304 (1991) 368
Thode, L.E., see Lumpkin, A.H. A304 (1991) 379
Thompson Jr., H., see Lazar, N.H. A304 (1991) 243
Timmermans, C.J., see Botman, J.I.M. A304 (1991) 192
Tokar, R., see Dowell, D.H. A304 (1991) 1
Tokar, R., see Laucks, M.L. A304 (1991) 25
Tokar, R.L., see Dowell, D.H. A304 (1991) 336
Tokar, R.L., see Goldstein, J.C. A304 (1991) 622
Tomimasu, T., see Yamada, K. A304 (1991) 86
Tomita, W., see Dowell, D.H. A304 (1991) 1
Töpper, J., see Alrutz-Ziemssen, K. A304 (1991) 159
Töpper, J., see Alrutz-Ziemssen, K. A304 (1991) 300
Torre, A., see Castellano, M. A304 (1991) 204
Torre, A., see Dattoli, G. A304 (1991) 541
Toyoda, K., see Kawamura, Y. A304 (1991) 111
Trarieux, J., see Bois, R. A304 (1991) 315
Travier, C., Rf guns: bright injectors for FEL A304 (1991) 285
Tremaud, C., see Dei-Cas, R. A304 (1991) 212
Tsukishima, C., see Sato, S. A304 (1991) 649
Tsunawaki, T., see Mima, K. A304 (1991) 93
Tsunawaki, Y., see Ohigashi, N. A304 (1991) 476
Tsunawaki, Y., N. Ohigashi, K. Mima, T. Akiba, S. Kuruma, K. Imasaki, S. Nakai and L.R. Elias, Focusing permanent magnet undulator A304 (1991) 753
Tulupov, A.V., see Bazylev, V.A. A304 (1991) 427

Urbanus, W.H., see van Amersfoort, P.W. A304 (1991) 168

Valat, J., Differential equations for the energy of a single particle in a helicoidal wiggler with invariant guiding field and travelling plasma wave (non-self-consistent Raman regime) A304 (1991) 502
van Amersfoort, P.W., R.J. Bakker, J.B. Bekkers, R.W.B. Best, R. van Buuren, P.F.M. Delmee, B. Faatz, C.A.J. van der Geer, P. Hellingman, D.A. Jaroszynski, P. Manintveld, W.J. Mastop, B.J.H. Meddens, A.F.G. van der Meer, J.P. Nijman, D. Oepts, J. Pluygers, Wang Wei and M.J. van der Wiel, Update on FELIX A304 (1991) 163
van Amersfoort, P.W., W.H. Urbanus, A.G.A. Verhoeven, A. Verheul, A.B. Sterk, A.M. van Ingen and M.J. van der Wiel, An electrostatic free electron maser for fusion: design considerations A304 (1991) 168
van Amersfoort, P.W., see Bakker, R.J. A304 (1991) 173
van Amersfoort, P.W., see Faatz, B. A304 (1991) 551
van Buuren, R., see van Amersfoort, P.W. A304 (1991) 163
van der Geer, C.A.J., see van Amersfoort, P.W. A304 (1991) 163
van der Geer, C.A.J., see Bakker, R.J. A304 (1991) 173
van der Meer, A.F.G., see van Amersfoort, P.W. A304 (1991) 163
van der Meer, A.F.G., see Bakker, R.J. A304 (1991) 173
van der Slot, P.J.M., C. Penman and W.J. Witteman, Status report of the Twente University Raman free electron laser A304 (1991) 268
van der Wiel, M.J., see van Amersfoort, P.W. A304 (1991) 163
van der Wiel, M.J., see van Amersfoort, P.W. A304 (1991) 168
van Ingen, A.M., see van Amersfoort, P.W. A304 (1991) 168
Varfolomeev, A.A., see Aghamir, F. A304 (1991) 155
Varfolomeev, A.A. and M.M. Pitatelev, Harmonic generation with an external laser beam in a dual undulator . A304 (1991) 507
Velghe, M., see Couprie, M.E. A304 (1991) 53
Velghe, M., see Couprie, M.E. A304 (1991) 58
Velghe, M., see Prazeres, R. A304 (1991) 72
Verheul, A., see van Amersfoort, P.W. A304 (1991) 168
Verhoeven, A.G.A., see van Amersfoort, P.W. A304 (1991) 168
Verschuur, J.W.J., see Botman, J.I.M. A304 (1991) 192
Veshcherevich, V.G., see Gavrilov, N.G. A304 (1991) 228
Vetrovec, J., Performance model for FEL wigglers A304 (1991) 759
Vinokurov, N.A., see Couprie, M.E. A304 (1991) 47
Vinokurov, N.A., see Gavrilov, N.G. A304 (1991) 63
Vinokurov, N.A., see Litvinenko, V.N. A304 (1991) 66
Vinokurov, N.A., see Gavrilov, N.G. A304 (1991) 228
Vinokurov, N.A., see Pinayev, I.V. A304 (1991) 786
Vobly, P.D., see Gavrilov, N.G. A304 (1991) 63
Vobly, P.D., see Gavrilov, N.G. A304 (1991) 228
von Laven, S., Crossed-field wiggler A304 (1991) 738
Vouillarmet, J., see Dei-Cas, R. A304 (1991) 215
Vouillarmet, J., see Balleyguier, P. A304 (1991) 308

Wallace, R. and K.C.D. Chan, Wakefield effects of auxiliary beamline elements A304 (1991) 400
Walsh, J.E., see Ciocci, F. A304 (1991) 17
Walsh, J.E., see Price, E.J. A304 (1991) 133
Walsh, J.E., see Fisch, E.E. A304 (1991) 679
Wang, M.C., Zhijiang Wang, Jizhong Chen, Zaitong Lu and Lifen Zhang, Experiments of a Raman free electron laser with distributed feedback cavity A304 (1991) 116
Wang Wei, see van Amersfoort, P.W. A304 (1991) 163
Wang, Zhijiang, see Wang, M.C. A304 (1991) 116
Warden, M., see Amir, A. A304 (1991) 12
Warren, R., Report of panel on compact FELs A304 (1991) 828
Warren, R.W., see Goldstein, J.C. A304 (1991) 449
Warren, R.W., Lasing on higher harmonics A304 (1991) 512
Warren, R.W., see Souza, R. A304 (1991) 687
Warren, R.W. and N. Piovella, Compound wiggler to lase on a selected harmonic A304 (1991) 696
Warren, R.W., Design considerations for pulsed microwigglers A304 (1991) 765
Watanabe, A., see Shiho, M. A304 (1991) 141
Webers, G.A., see Botman, J.I.M. A304 (1991) 192
Weise, H., see Alrutz-Ziemssen, K. A304 (1991) 159
Weise, H., see Alrutz-Ziemssen, K. A304 (1991) 300
Werin, S., M. Eriksson, J. Larsson, A. Persson and S. Svanberg, Harmonic generation at the MAX-lab undulator. Report of the first results A304 (1991) 81

Wernick, I., see Marshall, T.C. A304 (1991) 683
White, M.G., see Ben-Zvi, I. A304 (1991) 181
Whittaker, J.K., see Debenham, P.H. A304 (1991) 208
Whittum, D.H., see Sharp, W.M. A304 (1991) 487
Wilkin, N.D., see Debenham, P.H. A304 (1991) 208
Wilson, M.A.D., see Debenham, P.H. A304 (1991) 208
Witteman, W.J., see Botman, J.I.M. A304 (1991) 192
Witteman, W.J., see van der Slot, P.J.M. A304 (1991) 268
Wu Qingwu, see Xie Jialin A304 (1991) 770
Wurtele, J.S., see Jerby, E. A304 (1991) 107
Wurtele, J.S., see Sharp, W.M. A304 (1991) 487
Wurtele, J.S., see Chen, C. A304 (1991) 593

Xian, Dingchang, see Zhang, Lingyi A304 (1991) 522
Xie, J.L., see Gao, J. A304 (1991) 357
Xie Jialin, Zhuang Jiejia, Mao Chensheng, Zhong Yuanyuan, Li Yonggui, Ou Yangqun, Zhao Chunnong, Huang Min, Li Chengze and Wu Qingwu, The undulator for the Beijing free electron laser project A304 (1991) 770
Xie, M., see Kim, K.-J. A304 (1991) 146
Xie, M., see Kim, K.-J. A304 (1991) 233
Xie, M. and K.-J. Kim, Hole coupling resonator for free electron lasers A304 (1991) 792

Yamada, H., Novel free electron laser named photon storage ring A304 (1991) 700
Yamada, K., T. Yamazaki, S. Sugiyama, T. Tomimasu, T. Mikado, M. Chiwaki, R. Suzuki and H. Ohgaki, Free electron laser experiment at ETL A304 (1991) 86
Yamanaka, C., see Mima, K. A304 (1991) 93
Yamanaka, C., New Japanese FEL program at Osaka A304 (1991) 276
Yamanaka, C., see Ohigashi, N. A304 (1991) 476
Yamanaka, C., see Kuruma, S. A304 (1991) 638
Yamazaki, T., see Yamada, K. A304 (1991) 86
Yang, T.L., X.L. Zhai, W.Z. Zhou, Z.H. Song, D.Z. Cao, L.H. Pan, S.F. Bu, X.Z. Shi and C. Liu, Rf-driven FEL activity at CIAE A304 (1991) 280
Yasojima, Y., see Sato, S. A304 (1991) 649
Young, L.M., see Carlsten, B.E. A304 (1991) 587
Yu, L.H., see Ben-Zvi, I. A304 (1991) 181
Yu, L.H., S. Krinsky and R.L. Gluckstern, Universal scaling function for FEL gain A304 (1991) 516
Yu, S.S., see Shay, H.D. A304 (1991) 262

Zege, A.V., see Baryshevsky, V.G. A304 (1991) 421
Zege, A.V., Advantages of the "kinetic" amplification regime in a free electron laser with optical undulator . . . A304 (1991) 520
Zhai, X.L., see Yang, T.L. A304 (1991) 280
Zhang, G., see Chen, C. A304 (1991) 593
Zhang, Lifen, see Wang, M.C. A304 (1991) 116
Zhang, Lingyi and Dingchang Xian, Non-detrapping variable parameter wiggler of free electron lasers A304 (1991) 522
Zhang, Z.X., see Bidwell, S.W. A304 (1991) 187
Zhao Chunnong, see Xie Jialin A304 (1991) 770
Zhong Yuanyuan, see Xie Jialin A304 (1991) 770
Zhong Zhefu, see Elias, L.R. A304 (1991) 219
Zhou, W.Z., see Yang, T.L. A304 (1991) 280
Zhuang Jiejia, see Xie Jialin A304 (1991) 770